

Product datasheet for **RC225837**

ZNF83 (NM_001105553) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF83 (NM_001105553) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF83
Synonyms:	HPF1; ZNF816B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC225837 representing NM_001105553
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCATGGTAGAAAGGATGATGCACAAAAGCAGCCTGTTAAAAATCAGCTTGGATTAACCCGCGAGTCAC
 ATCTACCAGAAGTGCAGCTATTTCAAGCTGAAGGGAAAAATATATAAATATGATCAGATGGAAAAATCTGT
 CAACAGTAGTTTCCTTAGTTTCCCCACCCCAACGTATTTCTTCTACTGTCAAAACCCACATTTCTCATACA
 TATGAATGTAATTTGTGGATTCATTATTCACACAAAAAGAGAAAGCAAATATTGGGACAGAACTACTACA
 AATGTAATGAGCGTGGCAAGGCCTTTCATCAAGGCTTACATTTTACTATACATCAAATAATCCATACTAA
 AGAGACGCAATTTAAATGTGATATATGTGGCAAGATCTCAATAAAAAATCAAACCTTGCAAGTCATCAA
 AGAATTCATACTGGAGAGAAGCCATATAAATGTAATGAATGTGGCAAGGTCTCCATAATATGTCACACC
 TTGCACAGCATCGCAGGATTCATACTGGAGAGAAACCATATAAATGTAATGAATGTGGCAAGGTCTTTAA
 TCAAATTTACACCTTGACAACATCAAAGAATTCATACCGGAGAGAAACCTTATAAATGTAATGAATGT
 GGAAAGGTCTCCATCAAATTTACACCTTGACAACATCGGACAATTCATACTGGAGAAAAACCTTACG
 AATGTAACAAATGTGGCAAGGTGTTCACTCGCAATTCCTACCTTGTAACAACATCTGATCATTCTACTGG
 AGAGAAACCTTACAGATGTAATGTATGTGGCAAGGTCTTCAGTCAACAAGTCATCCCTAGTAAATCACTGG
 AGAATTCATACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGGTCTTCAGTCAACAAGTCATCCC
 TAGTAAATCACTGGAGAAATCCCACTGGAGAGAAACCTTACAAATGTAATGAATGTGGCAAGGTCTTCAG
 TCGCAATTCATACCTTGCCCAACATCTGATAATTCATGCCGGTGAGAAACCTTATAAGTGTGATGAATGT
 GACAAAGCATTTCAGTCAAATTCACATCTTGTACAACATCACAGAATCCATACTGGAGAGAAACCTTACA
 AATGTGATGAATGTGGCAAGGTCTTCAGTCAAATTCATACCTTGATATCATTGGAGAAATTCATCTGG
 AGAAAAAGCTTATAAATGTAATGAATGTGGGAAGGTCTTCGGTCTAAACTCATCCCTAGCACATCATCGG
 AAAATTCACACTGGAGAGAAACCTTTCAAATGTAATGAATGTGGCAAGCTTTTAGTATGCGTTCAAGCC
 TCACTAATCATCATGCGATCCCACTGGAGAGAAACATTTCAAATGTAATGAATGTGGCAAACTCTTCCG
 CGACAATTCATATCTTGTACGTCATCAGAGATTCATGCCGAAAGAAATCTAACACATGTAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225837 representing NM_001105553
 Red=Cloning site Green=Tags(s)

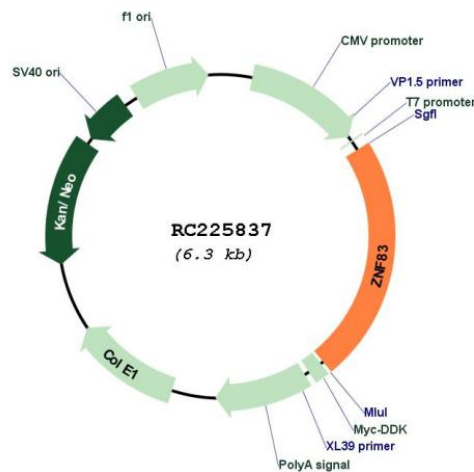
MHGRKDDAQKQPVKNLGLNPQSHLPELQLFQAEGKIYKYDHMEKSVNSSSLVSPQRISSVTKTHISHT
 YECNFVDSLFTQKEKANIGTEHYKNERGKAFHQGLHFTIHQIIHTKETQFKCDICGKIFNKKSNLASHQ
 RIHTGEKPYKCNECGKVFHNMSHLAQHRIHTGEKPYKCNECGKVFNQISHLAQHRIHTGEKPYKCNEC
 GKVFHQISHLAQHRTIHTGEKPYECNCGKVF SRNSYL VQHLLIHTGEKPYRCNVCGKVF SHKSSLVNH
 RIHTGEKPYKCNECGKVF SHKSSLVNHRIHTGEKPYKCNECGKVF SRNSYLAQHLLIHTGEKPYKDE
 DKAF SQNSHLVQHRIHTGEKPYKDECGKVF SQNSYLA YHWRIHTGEKAYKCNECGKVFGLNSSLAHHR
 KIHTGEKPFKNECGKAF SMRSSL TNHHA IHTGEKHFKNECGKLF RDNSYLVRHQRFHAGKKSNTCN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001105553

ORF Size: 1464 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001105553.1](#), [NP_001099023.1](#)

RefSeq ORF: 1466 bp

Locus ID: 55769

Cytogenetics: 19q13.41

Protein Families: Transcription Factors

MW: 56.2 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]